

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1    | 1    | ("5993644").PN.  | USPAT; USOCR           | OR               | OFF     | 2005/12/20 15:44 |
| S1    | 1118 | 208/112.ccls.  | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/19 13:45 |
| S2    | 2    | 208/112.ccls. and bulk adj metal adj catalyst  | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:50 |
| S3    | 2    | (208/112.ccls. or 208/121.ccls.) and bulk adj metal adj catalyst                       | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:54 |
| S4    | 1    | 208/112.ccls. and 208/121.ccls. and 208/124.ccls. and 208/33.ccls.                     | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:59 |
| S5    | 1    | 208/112.ccls. and 208/121.ccls. and 208/33.ccls.                                       | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:55 |
| S6    | 1    | 208/112.ccls. and 208/33.ccls.   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:55 |
| S7    | 36   | 208/112.ccls. and 208/121.ccls.  | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 13:55 |
| S8    | 4    | 208/112.ccls. and 208/121.ccls. and 208/124.ccls.                                      | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 14:04 |
| S9    | 6    | 208/112.ccls. and 208/121.ccls. and 208/111.35.ccls.                                   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 14:09 |
| S10   | 276  | 208/112.ccls. and 208/111.35.ccls.   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 15:31 |
| S11   | 13   | 208/112.ccls. and non-noble adj group adj VIII adj metal                               | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 14:57 |
| S12   | 172  | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls.                                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 15:32 |
| S13   | 15   | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and non-noble                   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/16 07:44 |
| S14   | 0    | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/104.ccls. and non-noble | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 16:32 |
| S15   | 3    | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/104.ccls.               | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/12/14 16:34 |

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| S16 | 5  | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/100.ccls.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/14 16:44 |
| S17 | 0  | 208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/100.ccls. and 208/78.ccls.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/14 16:44 |
| S18 | 0  | 208/112.ccls. and 208/100.ccls. and 208/78.ccls.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/14 16:45 |
| S19 | 1  | 208/112.ccls. and 208/100.ccls. and 208/59.ccls.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/14 16:45 |
| S20 | 4  | US-4596785-\$ DID. OR<br>US-5122258-\$ DID. OR<br>US-4902404-\$ DID. OR<br>US-5841013-\$ DID.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/14 16:52 |
| S21 | 62 | ("3459656"   "3594307"   "3660480"   "3673112"   "3716497"   "3755147"   "3766058"   "3798156"   "4019976"   "4021330"   "4022682"   "4243553"   "4528089"   "4591429"   "4595672"   "4622128"   "4626339"   "4632747"   "4650503"   "4650563"   "4663023"   "4668376"   "4698145"   "4705619"   "4716139"   "4721558"   "4831002"   "4902404"   "5122258"   "5138111").PN. OR ("4596785"   "4902404"   "5122258"   "5841013").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/14 16:52 |
| S22 | 46 | ("3842121"   "3844975"   "3847963"   "3962135"   "4176090"   "4216188"   "4238364"   "4248739"   "4271043"   "4324695"   "4325847"   "4367163"   "4436832"   "4452910"   "4452911"   "4469813"   "4510257"   "4515901"   "4579832"   "4593135"   "4637991"   "4637992"   "4666877"   "4753909"   "4757040"   "4761391"   "4775461"   "4859648"   "4952544").PN. OR ("4995964").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/15 09:51 |

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|-----|------|--|------------------------|----|-----|------------------|
| S23 | 31   | ("3842121"   "3844975"   "3847963"   "3962135"   "4176090"   "4216188"   "4238364"   "4248739"   "4271043"   "4324695"   "4325847"   "4367163"   "4436832"   "4452910"   "4452911"   "4469813"   "4510257"   "4515901"   "4579832"   "4593135"   "4637991"   "4637992"   "4666877"   "4753909"   "4757040"   "4761391"   "4775461"   "4859648"   "4952544").PN. OR ("4995964").URPN. and fractionation | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/15 09:51 |
| S24 | 9    | ("3891539"   "4457831"   "4618412"   "4921595").PN. OR ("5007998").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/16 07:43 |
| S25 | 6    | ("3891539"   "4457831"   "4618412"   "4921595").PN. OR ("5007998").URPN. and fractionation   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/15 12:30 |
| S26 | 1    | ("4859311").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 08:13 |
| S27 | 1    | ("4440871").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 08:17 |
| S28 | 553  | SAPO-11  | USPAT                  | OR | OFF | 2005/12/16 08:18 |
| S29 | 282  | SAPO-11 and ring   | USPAT                  | OR | OFF | 2005/12/16 08:19 |
| S30 | 40   | SAPO-11 same ring  | USPAT                  | OR | OFF | 2005/12/16 09:26 |
| S31 | 0    | ("3852207415729439045134673487").PN.   | USPAT; USOCR           | OR | OFF | 2005/12/16 09:26 |
| S32 | 0    | ("3852207and4157294and3904513and4673487").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 09:28 |
| S33 | 1    | ("3852207").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 09:29 |
| S34 | 1    | ("4157294").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 09:29 |
| S35 | 1    | ("3904513").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 09:29 |
| S36 | 1    | ("4673487").PN.  | USPAT; USOCR           | OR | OFF | 2005/12/16 10:07 |
| S37 | 1074 | Group adj II and base adj oil  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/16 10:07 |
| S38 | 29   | 208/112.ccls.and bulk near catalyst  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/19 15:16 |
| S39 | 13   | 208/112.ccls.and bulk near catalyst and molybdenum and tungsten  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/12/19 16:45 |

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| S40 | 1  | 208/112.ccls.and bulk near catalyst and molybdenum and tungsten and fractionation | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 16:35 |
| S41 | 1  | ("5122258").PN.   | USPAT;<br>USOCR              | OR | OFF | 2005/12/19 15:53 |
| S42 | 6  | 208/112.ccls.and bulk near catalyst and molybdenum and tungsten and distillation  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 16:45 |
| S43 | 13 | 208/112.ccls. and bulk near catalyst and molybdenum and tungsten                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/19 16:45 |
| S44 | 1  | ("5543035").PN.   | USPAT;<br>USOCR              | OR | OFF | 2005/12/20 15:44 |